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POINTERS FOR REPAIRING THE MYSTIC CLEANING GUN

Unless the motor gives out, there are very few items that can go wrong with the Mystic Gun. Some of the more common problems are:

1. The Main Spring (item 5) breaks
2. The delivery valve (items 17,18,19) breaks or plugs up
3. The adjusting roller (item 11) is misadjusted
4. The control knob (item 8) is misadjusted
5. The adjustable nozzle (item 32 thru 32-8) is plugged up

How to repair these problems

Problem 1:

When or if this happens, or the spring becomes very weak it needs to be replaced. Start by removing the threaded stud (#23) on the top of the liquid container. Then remove the pump cylinder (#13). Then remove and replace the spring. When putting the assembly back together be certain that the piston (#15) is put in so that the indentation is facing up so the threaded stud can be tightened into it. Allowing for the piston assembly to be held in place.

Problem 2:

To replace or clean, remove the nozzle assembly by unscrewing the nut (item 32-1) with an 11/16 wrench. Also remove #17, 18, 19 see if it can be cleaned or needs to be replaced. Be certain when reassembling to make sure piece 17, 18, 19 is put in sometimes it is left out

Problem 3:

Part (#11) is set from the factory at the optimal setting. The only time it needs to be changed is when disassembled. If you must adjust this item start by loosening the set screw (#24) and making a mark on the barrel just behind the air intake hole. This mark is so you can readjust the gun to the proper setting. After this you can move the adjusting roller. When you have

reassembled the gun and operate it, if you find that there is a lack of pressure try adjusting the roller until you feel there is enough pressure.

Problem 4:

The control knob (#8) is set from the factory for the most optimal pressure. If possible, try not to readjust from the factory setting. If for some reason this gets out of adjustment take all the way to the right (max setting) than take back the other direction a ¼ turn or until desired pressure is acquired.

Problem 5:

The adjustable nozzle plugs up. Unscrew item (#32-8) from (#32-4) and check both to see where the obstruction is located. Do not try to clean the nozzle by pushing a wire or such item through the hole, this will damage the opening and either causes plugs or makes the opening too large causing a loss of pressure. If the obstacle is visible remove it, if it is not visible try to rinse it out with water or alcohol. Check to be certain items #32-5 and #32-6 are in the assembly, replace items #32-4 and #32-5 be certain they are screwed together tightly, this will ensure no loss of pressure.

HELPFUL HINTS :

- *Always use American Niagara Products, so no containments will get into the system.
- *Check the filter at the bottom of the strainer to see if it needs to be cleaned.
- *Due to the fact the piston spring (#15) is Teflon carbon coated, it will rust once the Teflon begins to crack.
- *Leaving water in the gun will cause rusting.
- *If you use water in the gun you can run transmission fluid through it in order to get all the water out. Transmission fluid is used because it is thin, and the red color lets you know when it has gone thru the gun.
- *If you plan on using water through the gun please refer to our addendum about water usage and the gun.

If you have tried any or all of the hints on repairing the gun and still have issues repairing it, please call Jeff at 770-441-5900 or toll free 1-800-241-7708